


STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☒

APPLICATION FOR PERMIT TO DRILL						1. WELL NAME and NUMBER Ute Tribal 34-13J							
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>						3. FIELD OR WILDCAT ANTELOPE CREEK							
4. TYPE OF WELL Oil Well Coalbed Methane Well: NO						5. UNIT or COMMUNITIZATION AGREEMENT NAME ANTELOPE CREEK							
6. NAME OF OPERATOR PETROGLYPH OPERATING CO						7. OPERATOR PHONE 208 685-7674							
8. ADDRESS OF OPERATOR 960 Broadway Ave, Ste 500, Bosie, ID, 83703						9. OPERATOR E-MAIL bwest@pgei.com							
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) 14-20-H62-4737				11. MINERAL OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>				12. SURFACE OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>					
13. NAME OF SURFACE OWNER (if box 12 = 'fee') Kenneth A. Moon						14. SURFACE OWNER PHONE (if box 12 = 'fee') 435-738-2526							
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee') HC 64 Box 102, Duchesne, UT 84021						16. SURFACE OWNER E-MAIL (if box 12 = 'fee')							
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')				18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>				19. SLANT VERTICAL <input type="checkbox"/> DIRECTIONAL <input type="checkbox"/> HORIZONTAL <input checked="" type="checkbox"/>					
20. LOCATION OF WELL		FOOTAGES		QTR-QTR		SECTION		TOWNSHIP		RANGE		MERIDIAN	
LOCATION AT SURFACE		1107 FSL 268 FWL		SWSW		34		4.0 S		3.0 W		U	
Top of Uppermost Producing Zone		1344 FSL 2145 FEL		NWSE		33		4.0 S		3.0 W		U	
At Total Depth		1344 FSL 2145 FEL		NWSE		33		4.0 S		3.0 W		U	
21. COUNTY DUCESNE				22. DISTANCE TO NEAREST LEASE LINE (Feet) 268				23. NUMBER OF ACRES IN DRILLING UNIT 616					
				25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 383				26. PROPOSED DEPTH MD: 7839 TVD: 7839					
27. ELEVATION - GROUND LEVEL 5835				28. BOND NUMBER BO 4556				29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 43-8342					
Hole, Casing, and Cement Information													
String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight			
COND	18	14	0 - 40	5.0	Unknown	10.0	Class G	25	1.17	15.8			
SURF	12.25	9.625	0 - 480	36.0	J-55 ST&C	10.0	Class G	167	1.17	15.8			
L1	6.125	4.5	5707 - 7839	11.6	J-55 LT&C	10.0	No Used	0	0.0	0.0			
PROD	8.75	7	0 - 5857	26.0	L-80 LT&C	10.0	Class G	409	1.91	12.5			
							Class G	518	1.46	13.4			
ATTACHMENTS													
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES													
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER						<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN							
<input checked="" type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)						<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER							
<input checked="" type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)						<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP							
NAME Ed Trotter				TITLE Agent				PHONE 435 789-4120					
SIGNATURE				DATE 06/02/2011				EMAIL edtrotter@easilink.com					
API NUMBER ASSIGNED 43013508190000				APPROVAL  Permit Manager									

CONFIDENTIAL
EIGHT POINT PLAN

UTE TRIBAL 34-13J
SW/SW, SEC. 34, T4S, R3W
DUCHESNE COUNTY, UTAH

1. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

FORMATIONS	MD	SUBSEA
Trona	2855	2980
Mahogany Shale	3009	2826
“B” Marker	4159	1676
“X” Marker	4655	1180
Douglas Creek	4801	1034
“B” Limestone	5189	646
Total Depth	7839	
Anticipated Maximum BHP	1800	

2. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS FORMATIONS:

<u>Substance</u>	<u>Formation</u>	<u>TVD/MD</u>	<u>Subsea</u>
Oil/Gas	Douglas Creek	4801	1034

3. PRESSURE CONTROL EQUIPMENT: BOP Schematic Diagram attached.

BOPE TESTING PROCEDURE:

1. The BOPE will be tested by a professional tester to conform to Onshore Order #2.
2. The flow line will have a minimum diameter of 10”.

4. CASING PROGRAM:

Hole	Casing	Top – MD	Bottom – MD	Weight lb/ft	Grade	Thread
18”	14”	sfc	40’	steel	cond	None
12 1/4”	9 5/8”	sfc	480’	36.0	J-55	STC
8 3/4”	7”	sfc	5857’	26.0	L-80	LTC

Casing Strengths:				Collapse	Burst	Tensile
9 5/8”	36.0 lb.	J-55	STC	2,020 psi	3,520 psi	394,000 lb
7”	26.0 lb.	L-80	LTC	5,410 psi	7,240 psi	511,000 lb

The horizontal lateral of this well will be cased with 4 1/2” liner with mechanical pack-offs & sliding sleeves.

Hole	Casing	Top – MD	Bottom – MD	Weight lb/ft	Grade
6 1/8”	4 1/2”	5707’	7839’	11.6	J-55

All casing will be new or inspected.

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DUCHESNE COUNTY, UTAH

5. MUD PROGRAM**INTERVAL**

0' - 480'
480' – TD

MUD TYPE

Air/Aerated Water
Water with DAP or DAP alternative
Gel/polyacrylamide polymer w/5-10% LCM, LSND as conditions warrant

Sufficient mud inventory will be maintained on location during drilling to handle any adverse conditions that may arise. A mud weight of 9.5# to 10.5# will be maintained during drilling of the production hole. The rat and mouse holes will be drilled with the Air Rig after the surface casing is set. Rig mounted and skid mounted air compressors capable of producing 2200 CFM at 350 psi will be used.

6. CEMENT PROGRAM:**20" Conductor:**

Cement to surface with construction cement.

9 5/8" Casing: sfc - 480' (MD)

Lead/Tail Slurry: 0' - 480': 167 sks (195 cu ft) Class G cement + 0.25 lb/sk Cello Flake + 2% CaCl₂. Slurry wt: 15.8 ppg, Slurry yield: 1.17 ft³/sk, Slurry volume: 12-1/4" hole + 30% excess. (Cement will be circulated to surface).

7" Casing: sfc - 5857' (MD)

Lead Slurry: sfc - 4000': 409 sks (782 cu ft) EXPANDACEM System (Class "G" + additives) + 1 lb/sk Granulite TR^{1/4} (Lost Circulation Material) (12.5 PPG, 1.91 ft³/sk) hole + 30% excess.

Tail Slurry:

4000' - 5857': 518 sks (756 cu ft) EXPANDACEM System (Class "G" + additives) + 1 lb/sk Granulite TR^{1/4} (Lost Circulation Material) (13.4 ppg, 1.46 ft³/sk) hole + 30% excess. Cement will be circulated to surface.

4 1/2" Liner with Mechanical Pack-off: 5707' – 7839' (MD)

No cement, mechanically set in open hole.

7. VARIANCE REQUESTS:

Reference: Onshore Oil and Gas Order No. 2 – Item E: Special Drilling Operations

NOTE: Only drilling with air for surface hole.

1. Operator requests a variance to regulations requiring the blooie line discharge be 100' from the well bore. Due to reduced location size, the blooie line discharge will be approximately 75' from the well bore and securely anchored.

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SW/SW, SEC. 34, T4S, R3W
DUCHESNE COUNTY, UTAH

2. Operator requests a variance to regulations requiring a straight run blooie line. Due to the location of the flare pit the blooie line will have two targeted "Ts".
3. Operator requests a variance to regulations requiring Deduster Equipment on the blooie line. A mister will be used at the end of the blooie line when drilling with air only.
4. Operator requests a variance to regulations requiring an automatic igniter or continuous pilot light on the blooie line. An air/air-mist drilling system will be used.
5. Operator requests a variance to regulations requiring the compressors be located in the opposite direction from the blooie line a minimum of 100 feet from the well bore. Due to reduced location size the compressors will be located as close as is reasonable to the opposite direction from the blooie line and 75' from the well bore.

8. OPERATIONS:

All engine exhausts within 100 feet of the well bore will be equipped with spark arrestors.

All cuttings and circulating medium shall be directed into the reserve or booie pit.

A float valve will be run above the bit with sufficient rating to prevent flow back.

An air/mist and fluid/mud drilling system will be used.

All 5 1/2" casing will be new or inspected J-55 LT &C with a collapse resistance of 4,040 psi an internal yield pressure of 4,810 psi and a joint strength of 239,000 psi.

9. EVALUATION PROGRAM:

Logs: Platform Express TD to base of surface casing
(DLL, MSFL, CNG, CDL, GR)

Cores: None anticipated

DST: None Programmed

Completion: To be submitted at a later date.

10. ABNORMAL CONDITIONS:

None anticipated.

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DUCHESNE COUNTY, UTAH

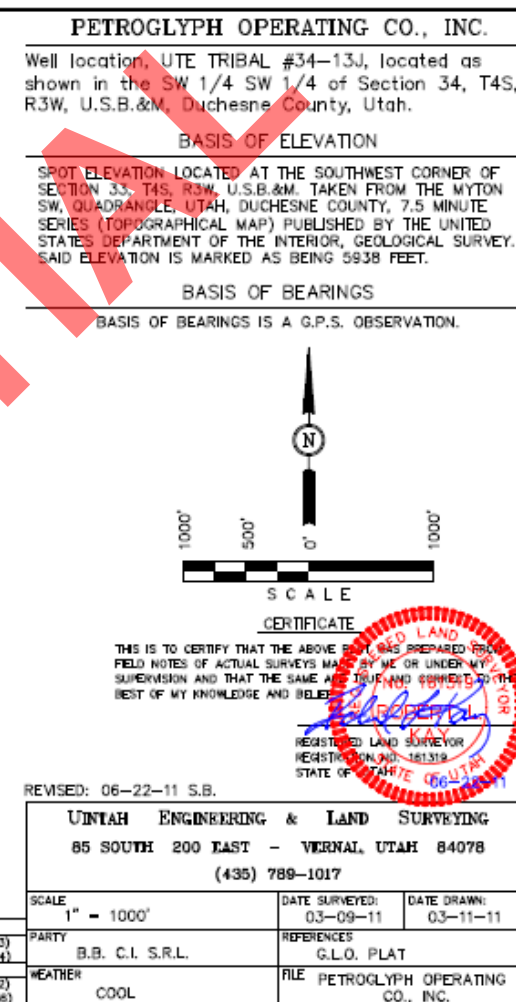
11. STANDARD REQUIRED EQUIPMENT:

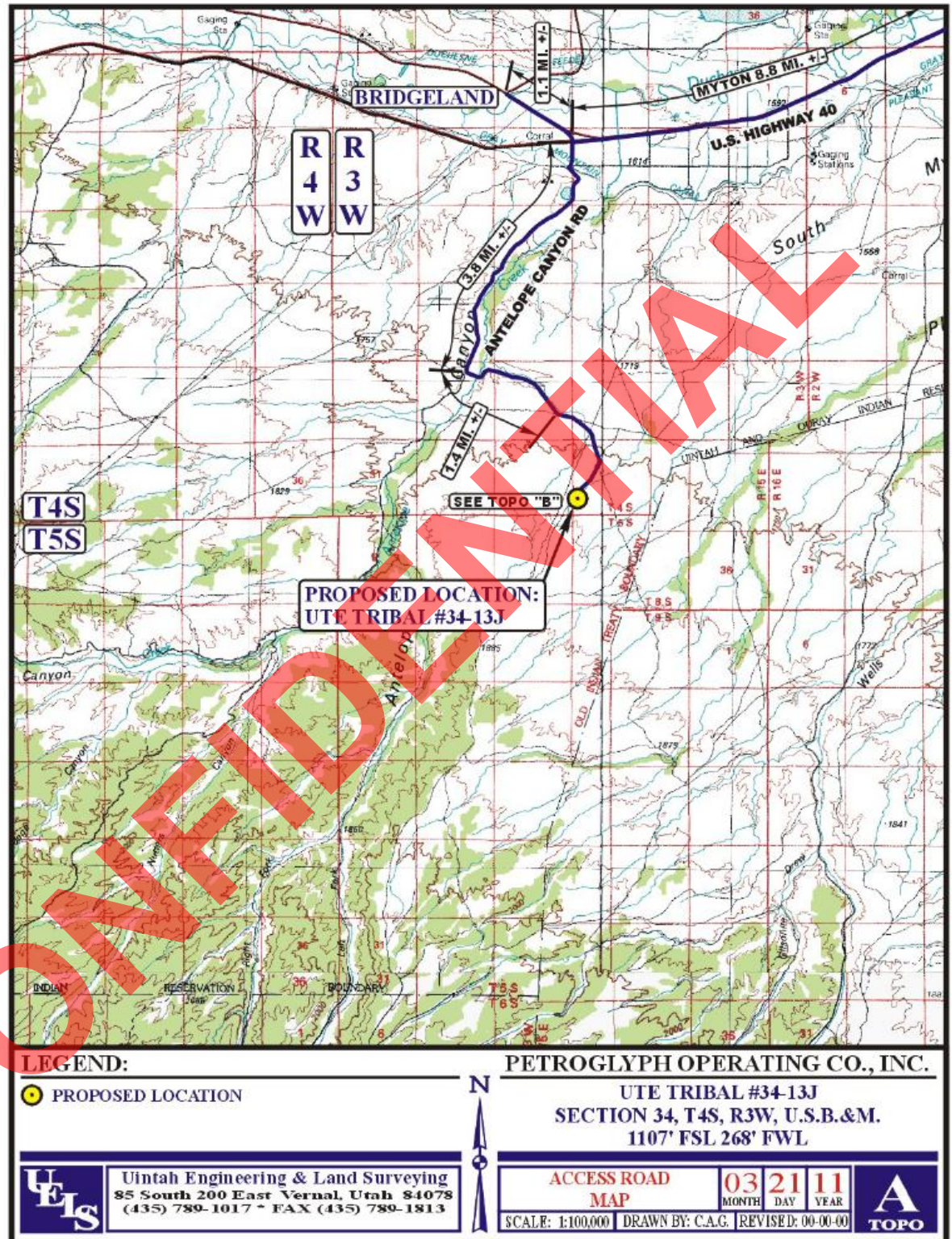
None Required

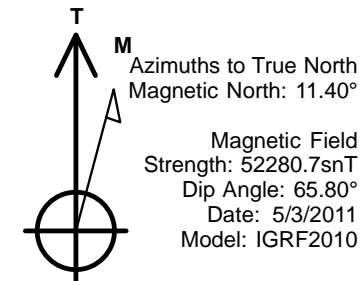
12. HAZARDOUS CHEMICALS:

No chemicals subject to reporting under SARA title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

(Attachment: BOP Schematic Diagram)

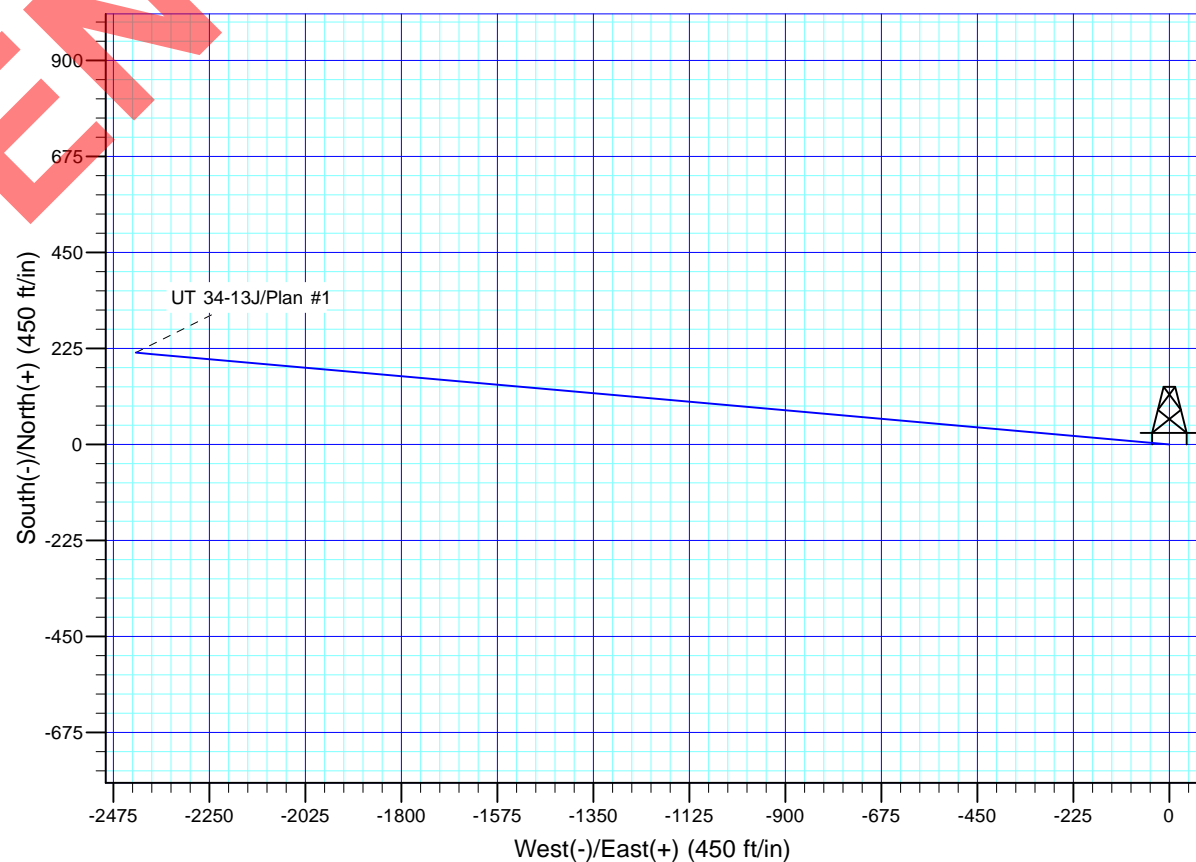
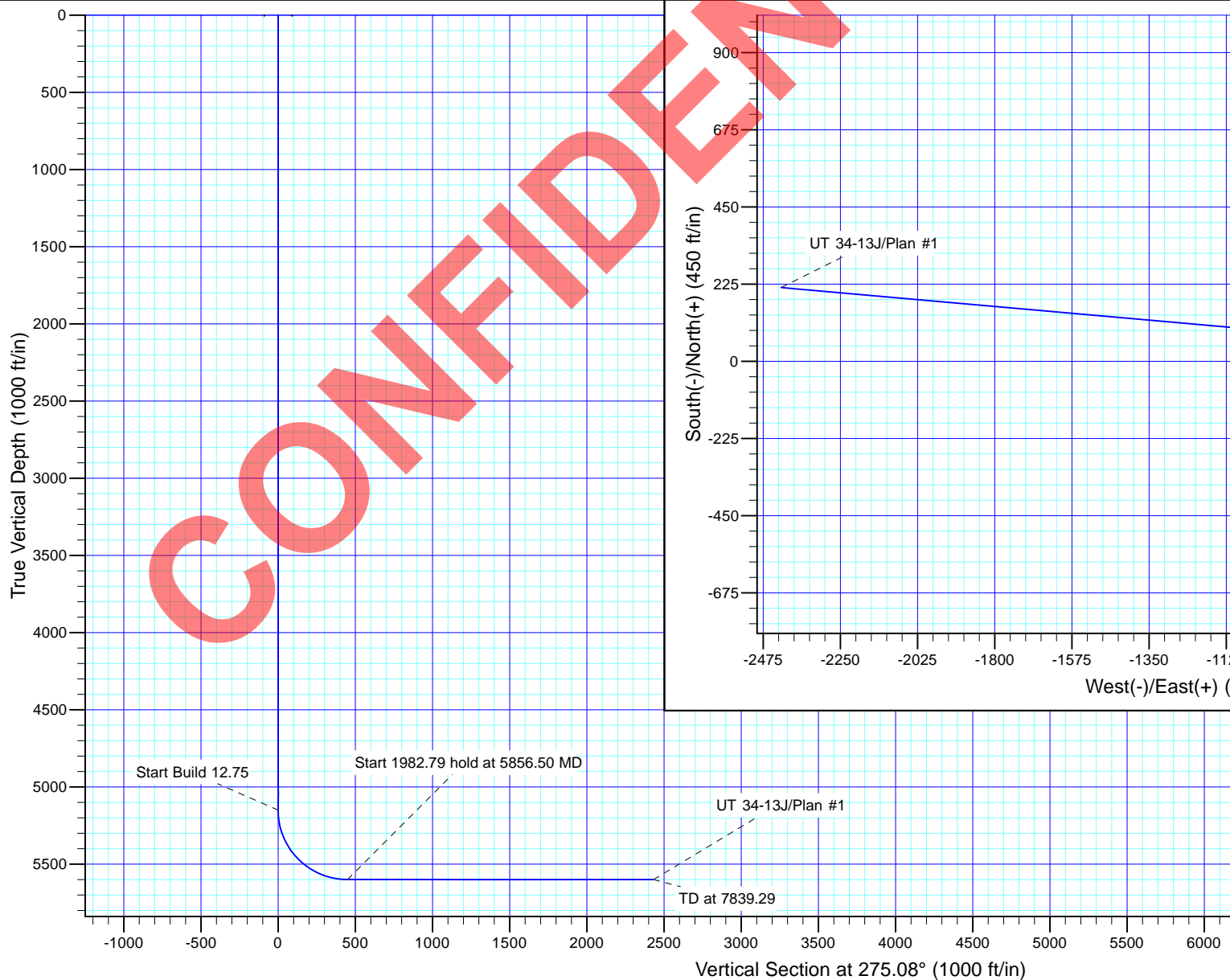






WELL DETAILS: UT 34-13J

+N/-S	+E/-W	Northing	Ground Level: Easting	0.00 Latitude	Longitude	Slot
0.00	0.00	7203253.87	1999258.42	40° 5' 15.840 N	110° 13' 25.10 W	



Plan: Plan #1 (UT 34-13J/Wellbore #1)

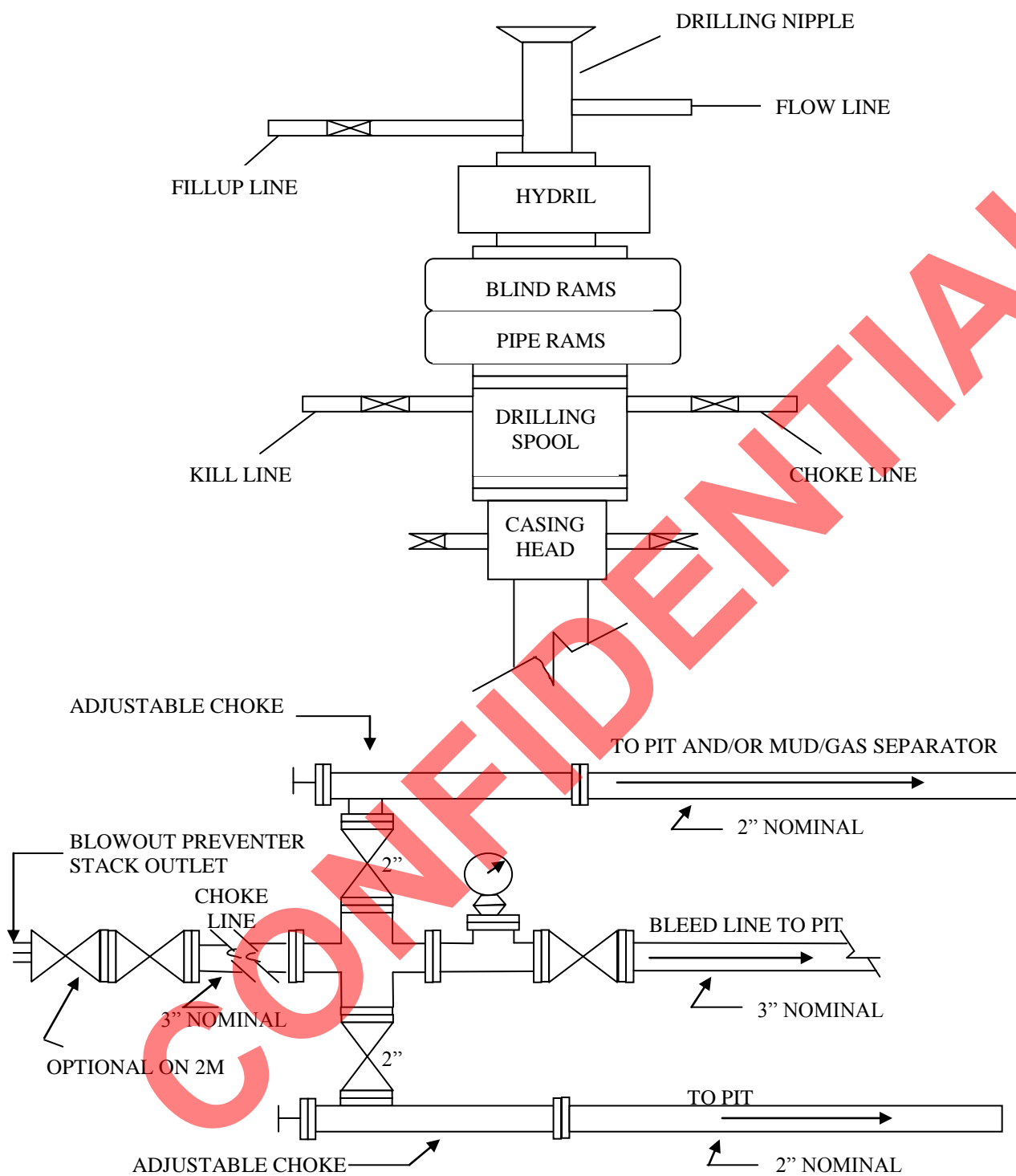
Created By: Janie Cooke Date: 14:22, May 09 2011

PROJECT DETAILS: Duchesne County, UT NAD83

Geodetic System: US State Plane 1983
 Datum: North American Datum 1983
 Ellipsoid: GRS 1980
 Zone: Utah Central Zone

System Datum: Mean Sea Level

SCHEMATIC DIAGRAM OF 2000 PSI BOP STACK



Certification

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions that presently exist; that the statements made in the Plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Petroglyph Operating Co., Inc. and its contractors and subcontractors in conformity with this Plan and the terms and conditions under which it is approved.

Please be advised that Petroglyph Operating Co., Inc. is considered to be the operator of the **UTE TRIBAL 34-13J Well, located in SW/SW of Section 34, T4S, R3W, Duchesne County, Utah; Lease number 14-20-H62-4737**; and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond Coverage is provided under Bond #BO 4556.

Date

Agent

CONFIDENTIAL

FILE COPY

MEMORANDUM OF SURFACE USE AND
RIGHT-OF-WAY AGREEMENT

THIS MEMORANDUM WITNESSES:

THAT on the 16th day of June, 1997, between ORVEN J MOON AND DELPHIA N MOON, TRUSTEES, whose address is East Highway, Neola, Utah 84053 84021 (GRANTOR), in consideration of the covenants and agreements contained in that certain Surface Use and Right-Of-Way Agreement dated JUNE 25th 1997 (the "Agreement"), has granted and conveyed, and by these presents does hereby grant and convey to PETROGLYPH OPERATING COMPANY, INC., whose address is 6209 North Highway 61, P.O. Box 1839, Hutchinson, Kansas 67502 (GRANTEE), certain rights of surface use, rights-of-way, and easements for the exploration, development, production, and transportation of oil and gas in, on, over, through and across certain real property owned by GRANTOR and situated in the County of Duchesne, State of Utah, and more particularly described as follows:

Township 4 South - Range 3 West USM

Section 16: SW/4 SW/4

Section 27: All

Section 28: SE/4 SE/4

Section 33: E/2 NE/4, SE/4 SE/4

Section 34: All

Containing 1,450.00 acres, more or less.

E 320862 B A0280 P 259
DATE 1-JUL-1997 16:26PM FEE 17.00
CAROLYN B. MADSEN, RECORDER
FILED BY CRY
FOR ED TROTTER
DUCESNE COUNTY CORPORATION

Said rights and uses are granted upon and subject to all of the terms and conditions set forth in the Agreement, executed by GRANTOR and GRANTEE, which Agreement is held by and can be inspected by parties having a vested interest in the Agreement and/or subject property during reasonable business hours at the offices of GRANTOR or GRANTEE. Such uses, rights-of-way and easements are granted for the full period of development of and the production life of any of the wells, appurtenances and facilities associated therewith.

IN WITNESS WHEREOF, this Memorandum has been duly executed this 25th day of June, 1997.

GRANTOR ORVEN J MOON AND DELPHIA N MOON, TRUSTEES

By: Orven J MoonBy: Delphia N. Moon

GRANTEE PETROGLYPH OPERATING COMPANY, INC.

By: Ed Trotter

Its: Agent

ACKNOWLEDGMENTS

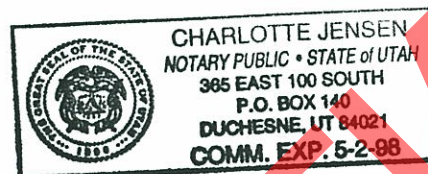
STATE OF UTAH)
: ss.
COUNTY OF DUCHESNE)

The foregoing instrument was acknowledged before me this 25th day of June, 1997 by ORVEN J MOON AND DELPHIA N MOON, TRUSTEES.

Charlotte Jensen
Notary Public
Residing in: Duchesne, UT

Commission Expires:

5-2-98



ACKNOWLEDGMENT

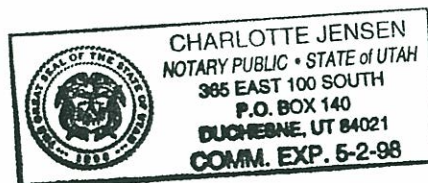
STATE OF Utah ~~KANSAS~~)
: ss.
COUNTY OF Duchesne)

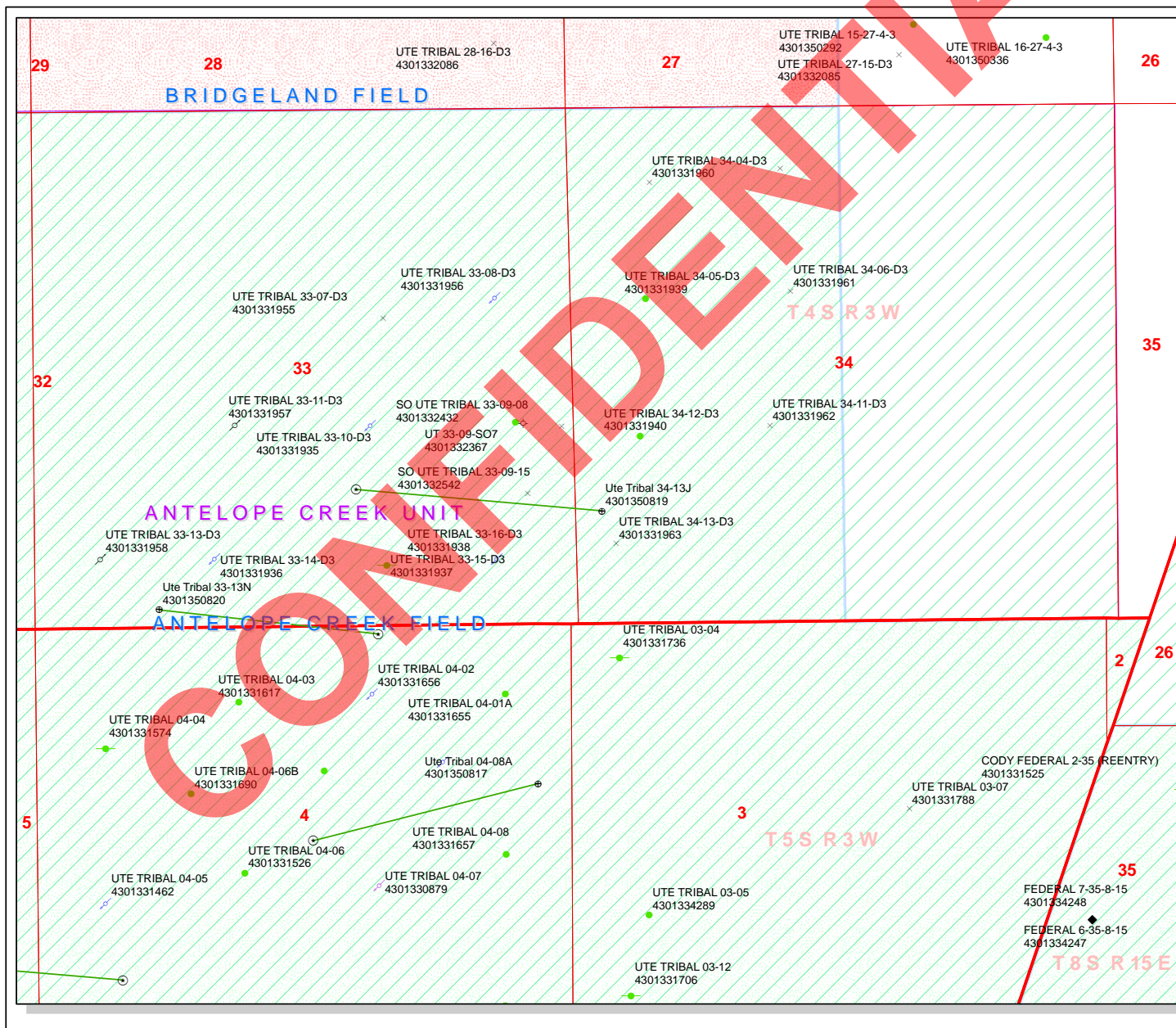
The foregoing instrument was acknowledged before me this 25th day of June, 1997 by Ed Trotter, the Agent of PETROGLYPH OPERATING COMPANY, INC.

Charlotte Jensen
Notary Public
Residing in: Duchesne, UT

My Commission Expires:

5-2-98

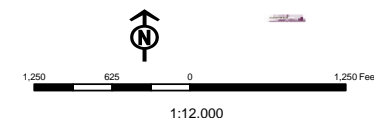




API Number: 4301350819
Well Name: Ute Tribal 34-13J
Township T0.4 . Range R0.3 . Section 34
Meridian: UBM
Operator: PETROGLYPH OPERATING CO

Map Prepared:
 Map Produced by Diana Mason

Units	Wells Query
STATUS	Status
ACTIVE	APD - Approved Permit
EXPLORATORY	DRL - Spudded (Drilling Commenced)
GAS STORAGE	GIW - Gas Injection
NF PP OIL	GS - Gas Storage
NF SECONDARY	LA - Location Abandoned
PI OIL	LOC - New Location
PP GAS	OPS - Operation Suspended
PP GEOTHERML	PA - Plugged Abandoned
PP OIL	PGW - Producing Gas Well
SECONDARY	POW - Producing Oil Well
TERMINATED	RET - Returned APD
Fields	STATUS
Unknown	SGW - Shut-in Gas Well
ABANDONED	SOW - Shut-in Oil Well
ACTIVE	TA - Temp. Abandoned
COMBINED	TW - Test Well
INACTIVE	WDW - Water Disposal
STORAGE	WIW - Water Injection Well
TERMINATED	WSW - Water Supply Well
Sections	
Township	



ON-SITE PREDRILL EVALUATION

Utah Division of Oil, Gas and Mining

Operator	PETROGLYPH OPERATING CO				
Well Name	Ute Tribal 34-13J				
API Number	43013508190000	APD No	3946	Field/Unit	ANTELOPE CREEK
Location: 1/4,1/4	SWSW	Sec	34	Tw	4.0S
		Rng	3.0W	1107	FSL 268 FWL
GPS Coord (UTM)	566784	4437586	Surface Owner	Kenneth A. Moon	

Participants

Ed Trotter (Representing Petroglyph Operating); Dennis Ingram (Division of Oil, Gas & Mining)

Regional/Local Setting & Topography

The proposed wellsite is located south of U.S. Highway 40, leaving from the Bridgeland turn off along the Antelope Canyon Road for approximately 3.8 miles then turn east on the Gilsonite Ridge Road for another 3.0 +/- miles. The area and topography around this proposed wellsite is a broad, bench-like surface that slopes northeasterly toward the Duchesne River Valley some six miles away. Surface habitat to the east is similar but broken up with dry washes that drain the country northerly into the Duchesne River corridor, which consists of farmlands and undeveloped river bottom. To the south the topography rises into pinion/juniper habitat and eventually quaken aspen and fir pine pockets on Anthro Mountain. Antelope Canyon is found approximately 1.5 miles west of this proposed location and drains the high country in the south from Sowers Canyon into the Duchesne River. Most of this region around the wellsite is historical domestic sheep grazed habitat.

Surface Use Plan

Current Surface Use

Grazing

New Road Miles

0.01

Well Pad

Width 170 **Length** 340

Src Const Material

Onsite

Surface Formation

UNTA

Ancillary Facilities N

Waste Management Plan Adequate?

Environmental Parameters

Affected Floodplains and/or Wetlands N

Flora / Fauna

Greasewood, sagebrush, shad-scale, grass, rabbit brush and other plants native to region at this elevation; potential rabbit, coyote, fox, prairie dog and birds of prey native to area.

Soil Type and Characteristics

Tan to light brown sandy loam with some clays present

Erosion Issues N

Sedimentation Issues N

Site Stability Issues N

Drainage Diversion Required? N

Berm Required? N

Erosion Sedimentation Control Required? N

Paleo Survey Run? Y Paleo Potential Observed? N Cultural Survey Run? Y Cultural Resources? N

Reserve Pit**Site-Specific Factors****Site Ranking**

Distance to Groundwater (feet)	>200	0
Distance to Surface Water (feet)	>1000	0
Dist. Nearest Municipal Well (ft)	>5280	0
Distance to Other Wells (feet)	>1320	0
Native Soil Type	Mod permeability	10
Fluid Type	TDS>5000 and	10
Drill Cuttings	Normal Rock	0
Annual Precipitation (inches)		0
Affected Populations		
Presence Nearby Utility Conduits	Not Present	0
	Final Score	20 1 Sensitivity Level

Characteristics / Requirements

The reserve pit is staked on the south side of location in cut measuring 110' long by 60' wide by 10' deep, and having the prevailing winds from the west.

Closed Loop Mud Required? Liner Required? Y Liner Thickness 16 Pit Underlayment Required?

Other Observations / Comments

Shallow wash running northerly from right to left which crosses the proposed access road but off the location surface. A low water crossing should adequately contain any fluids coming down this wash, operator plans to drill well as soon as permitted, operator plans to line pit, landowner not present, surface has been utilized for sheep and/or cattle grazing most of this century. Surface slopes gently to the northeast and has good vegetative grown cover present.

Dennis Ingram
Evaluator

7/20/2011
Date / Time

Application for Permit to Drill Statement of Basis

8/1/2011

Utah Division of Oil, Gas and Mining

Page 1

APD No	API WellNo	Status	Well Type	Surf Owner	CBM
3946	43013508190000	LOCKED	OW	P	No
Operator	PETROGLYPH OPERATING CO		Surface Owner-APD	Kenneth A. Moon	
Well Name	Ute Tribal 34-13J		Unit	ANTELOPE CREEK	
Field	ANTELOPE CREEK		Type of Work	DRILL	
Location	SWSW 34 4S 3W U 1107 FSL 268 FWL GPS Coord (UTM)		566780E 4437579N		

Geologic Statement of Basis

The mineral rights for the proposed well are owned by the Ute Tribe. The BLM will be the agency responsible for evaluating and approving the drilling, casing and cement programs.

Brad Hill
APD Evaluator

8/1/2011
Date / Time

Surface Statement of Basis

Well is a spilt-estate property having private surface and Tribal minerals. Ken Moon is shown as the landowner of record and had been out of town most of last week; however, he was contacted after his return and invited to the presite meeting but chose to not attend, asking to be notified if there are any issues. There wasn't any issues found regarding the surface unless the drilling window conflicts with grazing which is most likely a winter issue. A landowner agreement is in place. Bill Civish with the BLM was notified about the need to schedule an onsite visit which he had already done for the following day, July 14, 2011. Therefore, the operator made two visits to the well site, one with BLM and the other the State of Utah.

The surface of the proposed well pad slopes gently in a northeasterly direction and drops approximately six feet from the southwest to the northeast corner. A short access road in from the west crosses a very shallow wash which should only require a low water type crossing with minimal maintenance. The lower desert Flora has seen a deep snow winter and wet spring/summer season. According to the surface owner, there is a known spring east of this site so ground water is a possibility. Therefore, the operator shall construct a smooth bottom reserve pit and install a 16 mil synthetic liner to prevent fluids from leaving the pit. The surface location is in the SW/SW quarter of the section and outside the window of tolerance with 40 acre spacing; however Ed Trotter claims this is a Federal unit and is therefore allowable. The down hole location is shown in the NW/SE which indicates this wellbore will have a lateral and the operator has plans for horizontal drilling. There weren't any other issues noted or brought to the Division's attention on this site.

Dennis Ingram
Onsite Evaluator

7/20/2011
Date / Time

Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A synthetic liner with a minimum thickness of 16 mils shall be properly installed and maintained in the reserve pit.

WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 6/2/2011**API NO. ASSIGNED:** 43013508190000**WELL NAME:** Ute Tribal 34-13J**OPERATOR:** PETROGLYPH OPERATING CO (N3800)**PHONE NUMBER:** 435 789-4120**CONTACT:** Ed Trotter**PROPOSED LOCATION:** SWSW 34 040S 030W**Permit Tech Review:** ☒**SURFACE:** 1107 FSL 0268 FWL**Engineering Review:** ☐**BOTTOM:** 1344 FSL 2145 FEL**Geology Review:** ☒**COUNTY:** DUCHESNE**LATITUDE:** 40.08773**LONGITUDE:** -110.21668**UTM SURF EASTINGS:** 566780.00**NORTHINGS:** 4437579.00**FIELD NAME:** ANTELOPE CREEK**LEASE TYPE:** 2 - Indian**LEASE NUMBER:** 14-20-H62-4737**PROPOSED PRODUCING FORMATION(S):** DOUGLAS CREEK**SURFACE OWNER:** 4 - Fee**COALBED METHANE:** NO**RECEIVED AND/OR REVIEWED:**

- ☒ **PLAT**
- ☒ **Bond:** INDIAN - BO 4556
- ☐ **Potash**
- ☐ **Oil Shale 190-5**
- ☐ **Oil Shale 190-3**
- ☐ **Oil Shale 190-13**
- ☒ **Water Permit:** 43-8342
- ☐ **RDCC Review:**
- ☒ **Fee Surface Agreement**
- ☐ **Intent to Commingle**

Commingle Approved**LOCATION AND SITING:**

- ☐ **R649-2-3.**
- Unit:** ANTELOPE CREEK
- ☐ **R649-3-2. General**
- ☐ **R649-3-3. Exception**
- ☒ **Drilling Unit**
- Board Cause No:** Cause 214-2
- Effective Date:** 6/9/2000
- Siting:** Suspends General Siting
- ☐ **R649-3-11. Directional Drill**

Comments: Presite Completed**Stipulations:** 4 - Federal Approval - dmason
5 - Statement of Basis - bhll



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

Permit To Drill

Well Name: Ute Tribal 34-13J
API Well Number: 43013508190000
Lease Number: 14-20-H62-4737
Surface Owner: FEE (PRIVATE)
Approval Date: 8/1/2011

Issued to:

PETROGLYPH OPERATING CO, 960 Broadway Ave, Ste 500, Bosie, ID 83703

Authority:

Pursuant to Utah Code Ann. §40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause 214-2. The expected producing formation or pool is the DOUGLAS CREEK Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

Duration:

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

General:

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

Conditions of Approval:

State approval of this well does not supercede the required federal approval, which must be obtained prior to drilling.

Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis (copy attached).

Notification Requirements:

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- Within 24 hours following the spudding of the well – contact Carol Daniels at 801-538-5284 (please leave a voicemail message if not available)
OR
submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website at <http://oilgas.ogm.utah.gov>

Reporting Requirements:

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules

will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) – due within 5 days of spudding the well
- Monthly Status Report (Form 9) – due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) – due prior to implementation
- Written Notice of Emergency Changes (Form 9) – due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) – due prior to implementation
- Report of Water Encountered (Form 7) – due within 30 days after completion
- Well Completion Report (Form 8) – due within 30 days after completion or plugging

Approved By:

A handwritten signature in black ink, appearing to read "J. Rogers", written over a horizontal line.

For John Rogers
Associate Director, Oil & Gas

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JUN - 3 2011

FORM APPROVED
OMB No. 1004-0137
Expires July 31, 2010

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: ☒ DRILL

☐ REENTER

1b. Type of Well: ☒ Oil Well ☐ Gas Well ☐ Other

☒ Single Zone ☐ Multiple Zone

2. Name of Operator

PETROGLYPH OPERATING CO., INC.

3a. Address **P.O. BOX 1910**

VERNAL, UT 84078

3b. Phone No. (Include area code)

(435)789-4120

4. Location of Well (Report location clearly and in accordance with any State requirements. *)

At surface **1107' FSL & 268' FWL, Lot 4, Sec. 34, T4S, R3W**

At proposed Bottom Hole: **1344' FSL & 2145 FEL, NW/SE, Sec. 33, T4S, R3W**

At proposed prod. Zone

14. Distance in miles and direction from nearest town or post office*

15.5 MILES SOUTHWEST OF MYTON, UTAH

15. Distance from proposed*

location to nearest **268'**

property or lease line, ft.

(Also to nearest drig. Unit line, if any)

16. No. of Acres in lease

616

17. Spacing Unit dedicated to this well

18. Distance from proposed location*

to nearest well, drilling, completed, **See Topo**
applied for, on this lease, ft. **Map "C"**

19. Proposed Depth

7839' TMD

5600' TVD

20. BLM/BIA Bond No. on file

BO 4556

21. Elevations (Show whether DF, KDB, RT, GL, etc.)

5834.8 FEET GRADED GROUND

22. Approximate date work will start*

UPON APPROVAL

23. Estimated duration

15 DAYS

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

1. Well plat certified by a registered surveyor.

2. A Drilling Plan.

3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).

4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).

5. Operator certification.

6. Such other site specific information and/or plans as may be required by the BLM.

25. Signature

Name (Printed/Typed)

Ed Trotter

Date

June 2, 2011

Title

Agent

Approved by (Signature)

Name (Printed/Typed)

Jerry Kenczka

Date

AUG 30 2011

Title

**Assistant Field Manager
Lands & Mineral Resources**

Office

VERNAL FIELD OFFICE

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of Approval, if any, are attached.

CONDITIONS OF APPROVAL ATTACHED

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Continued on page 2)

UDOGM

NOTICE OF APPROVAL

SEP 06 2011

DIV OF OIL GAS & MINING



UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE
170 South 500 East VERNAL, UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Petroglyph Operating Co., Inc. Location: Lot 4, Sec. 34, T4S, R3W(S)
NWSE, Sec. 33, 4S, R3W (B)
Well No: Ute Tribal 34-13J Lease No: 14-20-H62-4736
API No: 43-013-50819 Agreement: 14-20-H62-4650

OFFICE NUMBER: (435) 781-4400

OFFICE FAX NUMBER: (435) 781-3420

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

NOTIFICATION REQUIREMENTS

Construction Activity (Notify Ute Tribe Energy & Minerals Dept. and BLM Environmental Scientist)	- The Ute Tribe Energy & Minerals Dept. and BLM Environmental Scientist shall be notified at least 48 hours in advance of any construction activity. The Ute Tribal office is open Monday through Thursday.
Construction Completion (Notify Ute Tribe Energy & Minerals Dept. and BLM Environmental Scientist)	- Upon completion of the pertinent APD/ROW construction, notify the Ute Tribe Energy & Minerals Dept. for a Tribal Technician to verify the Affidavit of Completion. Notify the BLM Environmental Scientist prior to moving on the drilling rig.
Spud Notice (Notify BLM Petroleum Engineer)	- Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify BLM Supv. Petroleum Tech.)	- Twenty-Four (24) hours prior to running casing and cementing all casing strings to: ut_vn_opreport@blm.gov .
BOP & Related Equipment Tests (Notify BLM Supv. Petroleum Tech.)	- Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify BLM Petroleum Engineer)	- Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

***SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COAs)***

Company/Operator: Petroglyph Operating Company Inc.
Well Name & Number: Ute Tribal 33-13N and Ute Tribal 34-13J
Surface Ownership: Lee and Kathy Moon and Kenneth A Moon
Lease Number: 14-20-H62-3503 and 14-20-H62-4736
Location: Lot 4, Sec. 33 & 34, T4S, R3W

CONDITIONS OF APPROVAL:

- Any deviation of submitted APD's, which includes Petroglyph's surface use plan, and ROW applications the operator will notify the BLM in writing and will receive written authorization of any such change with appropriate authorization.
- All operator employees and/or authorized personnel (sub-contractors) in the field will have approved applicable APD's, COAs, and ROW permits/authorizations on their person(s) during all phases of construction.
- All vehicular traffic, personnel movement, construction/restoration operations should be confined to the area examined and approved, and to the existing roadways and/or evaluated access routes.
- All personnel will refrain from collecting artifacts, any paleontological fossils, and from disturbing any significant cultural resources in the area.
- The personnel from the BLM will be notified should cultural remains from subsurface deposits be exposed or identified during construction. All construction will cease until resources can be identified and protected properly.
- Production facilities will be painted Covert Green to blend in with the surrounding habitat, unless otherwise stated from the private land owner agreement.
- Site reclamation will be accomplished for portions of the well pad not needed for production, within 6 months of completion, weather permitting. This also includes any roads, and pipeline areas that have been disturbed as well. Roads and pipeline disturbances can undergo reclamation immediately after the pipeline is installed and after the roads are built. Please contact surface owner or the BLM AO for possible seed mixes to use in the project area. Non-natives can be used; however lbs/ac must be kept low to minimize the chance of a monoculture.
- The pad location on the Ute Tribal 33-13N will be re-contoured and planted in native vegetation as per the land owner's request.
- The pad location on the Ute Tribal 34-13J will be left flat and planted in native and non-native grasses as per the land owner's request.

***DOWNHOLE PROGRAM
CONDITIONS OF APPROVAL (COAs)***

SITE SPECIFIC DOWNHOLE COAs:

Production casing (size casing 7 inch) cement shall be brought up and into the surface.

A variance is granted for Onshore Order #2 Drilling Operations III. E. "Blooie line discharge 100 feet from well bore and securely anchored" Blooie line can be 75 feet.

All requirements will be adhered to covering air/gas drilling operations as described in Onshore Order #2 III. E. 1. Drilling Operations, Special Drilling Operations, air/gas drilling.

For casing production (partial) liner installation, casing liner is to be installed and tested to the standards of Onshore Orders #2. The operator specified casing liner lap overlap interval length is 150 ft.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.

- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- For information regarding production reporting, contact the Office of Natural Resources Revenue (ONRR) at www.ONRR.gov.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - Operator name, address, and telephone number.
 - Well name and number.
 - Well location (1/4, Sec., Twn, Rng, and P.M.).
 - Date well was placed in a producing status (date of first production for which royalty will be paid).
 - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - Unit agreement and/or participating area name and number, if applicable.
 - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-4736
2. NAME OF OPERATOR: PETROGLYPH OPERATING COMPANY, INC.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Fee Surface
3. ADDRESS OF OPERATOR: P.O. BOX 607 CITY ROOSEVELT STATE UT ZIP 84066		7. UNIT or CA AGREEMENT NAME: 14-20-H62-4650
PHONE NUMBER: (435) 722-2531		8. WELL NAME and NUMBER: Ute Tribal 34-13J
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1107' FSL, 268' FWL		9. API NUMBER: 4301350819
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: LOT 4 34 T4S R3W		10. FIELD AND POOL, OR WILDCAT: Antelope Creek
		COUNTY: Duchesne
		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input checked="" type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

All produced water will be trucked or through pipe line to injection pump stations for reinjection.

NAME (PLEASE PRINT) LES FARNSWORTH	TITLE DISTRICT MANAGER
SIGNATURE <i>Les Farnsworth</i>	DATE 9/2/2011

(This space for State use only)

RECEIVED

SEP 06 2011

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-4737
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: PETROGLYPH OPERATING CO		7. UNIT or CA AGREEMENT NAME: ANTELOPE CREEK
3. ADDRESS OF OPERATOR: 960 Broadway Ave, Ste 500, Bosie, ID, 83703		8. WELL NAME and NUMBER: UTE TRIBAL 34-13JD3
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1107 FSL 0268 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSW Section: 34 Township: 04.0S Range: 03.0W Meridian: U		9. API NUMBER: 43013508190000
9. FIELD and POOL or WILDCAT: ANTELOPE CREEK		COUNTY: DUCHESNE
STATE: UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <div style="text-align: center; font-size: 1.2em;">4/2/2012</div> <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input checked="" type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION	OTHER: <input style="width: 100px;" type="text"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
 Please be advised, Petroglyph Operating intends to change the name of the above referenced well from Ute Tribal 34-13J to Ute Tribal 34-13JD3. This name change will provide consistency in our well name system.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 March 30, 2012

NAME (PLEASE PRINT) Rodrigo Jurado	PHONE NUMBER 435 722-5302	TITLE Regulatory & Compliance Spc
SIGNATURE N/A	DATE 3/30/2012	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-4737
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: PETROGLYPH OPERATING CO		7. UNIT or CA AGREEMENT NAME: ANTELOPE CREEK
3. ADDRESS OF OPERATOR: 960 Broadway Ave, Ste 500, Bosie, ID, 83703		8. WELL NAME and NUMBER: UTE TRIBAL 34-13JD3
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1107 FSL 0268 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSW Section: 34 Township: 04.0S Range: 03.0W Meridian: U		9. API NUMBER: 43013508190000
9. FIELD and POOL or WILDCAT: ANTELOPE CREEK		COUNTY: DUCHESNE
STATE: UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME	
<input checked="" type="checkbox"/> SPUD REPORT Date of Spud: 3/27/2012	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
 We spudded this well on 03/27/2012. We set 40' of 14" conductor.

Accepted by the
 Utah Division of
 Oil, Gas and Mining
FOR RECORD ONLY
 March 30, 2012

NAME (PLEASE PRINT) Rodrigo Jurado	PHONE NUMBER 435 722-5302	TITLE Regulatory & Compliance Spc
SIGNATURE N/A	DATE 3/30/2012	

Carol Daniels - Petroglyph Operating Well Spud*T045 R03W 5-34 43-013-50819*

From: Rodrigo Jurado <rjurado@pgei.com>
To: "Carol Daniels (caroldaniels@utah.gov)" <caroldaniels@utah.gov>
Date: 3/23/2012 2:10 PM
Subject: Petroglyph Operating Well Spud

Carol,

Petroglyph Operating plans on spudding a well, the Ute Tribal 34-13J API#43-013-50819, on Monday March 26, 2012 at approximately 8:00 A.M.

I was never informed of the requirement to notify UDOGM of a well spud but lately I have noticed that you put a form in our well file with the spud information that is slightly more detailed than what we include in our sundry notice. How do you prefer to get that information? I can CC you on our BLM and Tribal notices if that works, or I can give you a call. Let me know if you need any more information than I have provided in this email for the well mentioned earlier.

Rodrigo Jurado

Petroglyph Operating

Regulatory Compliance Specialist

P.O. BOX 607

Roosevelt, UT 84066

OFFICE: (435) 722-5302

MOBILE: (435) 609-3239

FAX: (435) 722-9145

The contents of this e-mail and any attachments are intended solely for the use of the named addressee(s) and may contain confidential and/or privileged information. Any unauthorized use, copying, disclosure, or distribution of the contents of this e-mail or attachments is strictly prohibited and may be unlawful. If you are not the intended recipient, please notify the sender immediately and destroy all copies of the communication and any attachments.

RECEIVED

MAR 23 2012

DIV. OF OIL, GAS & MINING

BLM - Vernal Field Office - Notification Form

Operator Petroglyph Operating Rig Name/# Craig's /Air rig
Submitted By Rodrigo Jurado Phone Number 435-722-5302
Well Name/Number Ute Tribal 34-13JD3
Qtr/Qtr SWSW Section 34 Township 4S Range 3W
Lease Serial Number 14-20-H62-4736
API Number 43-013-50819

Spud Notice – Spud is the initial spudding of the well, not drilling out below a casing string.

Date/Time _____ AM ☐ PM ☐

Casing – Please report time casing run starts, not cementing times.

- ☒ Surface Casing
- ☐ Intermediate Casing
- ☐ Production Casing
- ☐ Liner
- ☐ Other

RECEIVED

MAR 30 2012

DIV. OF OIL, GAS & MINING

Date/Time 3/31/2012 6:00 AM ☐ PM ☒

BOPE

- ☐ Initial BOPE test at surface casing point
- ☐ BOPE test at intermediate casing point
- ☐ 30 day BOPE test
- ☐ Other

Date/Time _____ AM ☐ PM ☐

Remarks We intend to run 9 5/8" surface casing to approximately 500' using Craig's air rig. (sent 3/30/2012)

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-4737
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL Oil Well		7. UNIT or CA AGREEMENT NAME: ANTELOPE CREEK
2. NAME OF OPERATOR: PETROGLYPH OPERATING CO		8. WELL NAME and NUMBER: UTE TRIBAL 34-13J-D3
3. ADDRESS OF OPERATOR: 960 Broadway Ave, Ste 500, Bosie, ID, 83703		9. API NUMBER: 43013508190000
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1107 FSL 0268 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSW Section: 34 Township: 04.0S Range: 03.0W Meridian: U		9. FIELD and POOL or WILDCAT: ANTELOPE CREEK
		COUNTY: DUCHESNE
		STATE: UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 4/10/2012	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input checked="" type="checkbox"/> CHANGE WELL NAME	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input type="text"/>	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Please change the name of this well from Ute Tribal 34-13JD3 to Ute Tribal 34-13J-D3.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 April 10, 2012

NAME (PLEASE PRINT) Rodrigo Jurado	PHONE NUMBER 435 722-5302	TITLE Regulatory & Compliance Spc
SIGNATURE N/A	DATE 4/10/2012	

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 6

ENTITY ACTION FORM

Operator: Petroglyph Operating Company Operator Account Number: N 3800
Address: P.O. Box 607
city Roosevelt
state UT zip 84066 Phone Number: (435) 722-2531

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4301350819	Ute Tribal 34-13JD3		SWSW	34	4S	3W	Duchesne
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
B	new	12270	3/27/2012		4124112		
Comments: Please add to existing Ute Tribal 34-12D3 TB GRRV							

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Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
Comments:							

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
Comments:							

ACTION CODES:

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

Rodrigo Jurado

Name (Please Print)

RJR
Signature

Regulatory Compliance Spc

3/30/2012

Title

Date

RECEIVED

APR 02 2012

Div. of Oil, Gas & Mining

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9			
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-4737			
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME: ANTELOPE CREEK			
2. NAME OF OPERATOR: PETROGLYPH OPERATING CO		8. WELL NAME and NUMBER: UTE TRIBAL 34-13J-D3			
3. ADDRESS OF OPERATOR: 960 Broadway Ave, Ste 500, Bosie, ID, 83703		9. API NUMBER: 43013508190000			
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1107 FSL 0268 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSW Section: 34 Township: 04.0S Range: 03.0W Meridian: U		9. FIELD and POOL or WILDCAT: ANTELOPE CREEK			
COUNTY: DUCHESNE		STATE: UTAH			
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA					
TYPE OF SUBMISSION <input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 5/21/2012 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	TYPE OF ACTION <table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input checked="" type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/> </td> </tr> </table>		<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input checked="" type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>
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12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. <div style="display: flex; justify-content: space-between;"> <div style="width: 70%;"> <p>Petroglyph Operating intends to perforate and frac the following intervals on the above referenced well: 9300'-9012'MD, 9012'-8762'MD, 8762'-8512'MD, 8512'-8216'MD, 8216'-7965'MD, 7965'-7670'MD. We will perforate sets of 27 holes at approximately the following depths: 9206'MD, 8910'MD, 8614'MD, 8364'MD, 8113'MD & 7819'MD. All perforations and stages range in true vertical depth from 5535'TVD to 5491'TVD. We will frac using Delta 140 gelled fluid and 20/40 mesh sand. Volumes and amounts will be reported at a later date.</p> </div> <div style="width: 25%; text-align: right;"> <p>Accepted by the Utah Division of Oil, Gas and Mining</p> <p>Date: May 17, 2012</p> <p>By: <u><i>Derek Quist</i></u></p> </div> </div>					
NAME (PLEASE PRINT) Rodrigo Jurado		PHONE NUMBER 435 722-5302			
SIGNATURE N/A		TITLE Regulatory & Compliance Spc			
DATE 5/17/2012					

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
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		COUNTY: DUCHESNE
		STATE: UTAH

11.

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<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 6/8/2012	<input checked="" type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	OTHER: <input style="width: 100px;" type="text"/>	
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The date of first production for this well was 06/08/2012.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 June 20, 2012

NAME (PLEASE PRINT) Rodrigo Jurado	PHONE NUMBER 435 722-5302	TITLE Regulatory & Compliance Spc
SIGNATURE N/A		DATE 6/13/2012

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-4737
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9. FIELD and POOL or WILDCAT: ANTELOPE CREEK		COUNTY: DUCHESNE
STATE: UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input checked="" type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION	OTHER: <input style="width: 100px;" type="text"/>
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 6/8/2012				
<input type="checkbox"/> SPUD REPORT Date of Spud:				
<input type="checkbox"/> DRILLING REPORT Report Date:				

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Petroglyph Operating ran GR/CBL on the above referenced well and found ETOC @ 2268'. On 5/21/2012 we frac'd 6 zones isolated by swell packers on a 4" liner through stimulation sleeves perforated at 13.5 spf, 0.75" EHD. We frac'd intervals as follows: 9203-9205' w/ 1967 Bbls of fluid containing 103,341#'s of sand, 8908-8910' w/ 1531 Bbls of fluid containing 118,309#'s of sand, 8613-8615' w/ 1309 Bbls of fluid containing 91,219#'s of sand, 8362-8364' w/ 1295 Bbls of fluid containing 106,497#'s of sand, 8111-8113' w/ 1241 Bbls of fluid containing 91,437#'s of sand, 7817-7819' w/ 1522 Bbls of fluid containing 105,300#'s of sand. All fluid used was Delta 140 15# gelled fluid. Sand was 20/40 mesh premium white. We cleaned out and milled out baffles in liner to 9206', circulated well, ran tubing and pump, and put well to pump 6/8/2012.

**Accepted by the
Utah Division of
Oil, Gas and Mining**

FOR RECORD ONLY

July 09, 2012

NAME (PLEASE PRINT) Rodrigo Jurado	PHONE NUMBER 435 722-5302	TITLE Regulatory & Compliance Spc
SIGNATURE N/A	DATE 7/9/2012	

CONFIDENTIAL

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

AMENDED REPORT ☐
(highlight changes)

FORM 8

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL:		OIL WELL <input checked="" type="checkbox"/>	GAS WELL <input type="checkbox"/>	DRY <input type="checkbox"/>	OTHER <input type="checkbox"/>	5. LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-4736	
b. TYPE OF WORK:		NEW WELL <input checked="" type="checkbox"/>	HORIZ. LATS. <input checked="" type="checkbox"/>	DEEP-EN <input type="checkbox"/>	RE-ENTRY <input type="checkbox"/>	DIFF. RESVR. <input type="checkbox"/>	OTHER <input type="checkbox"/>
2. NAME OF OPERATOR: Petroglyph Operating Company, Inc.						6. IF INDIAN, ALLOTTEE OR TRIBE NAME Ute Indian Tribe	
3. ADDRESS OF OPERATOR: P.O. Box 607 CITY Roosevelt STATE UT ZIP 84066						7. UNIT or CA AGREEMENT NAME 14-20-H62-4650	
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 1107' FSL, 268' FWL AT TOP PRODUCING INTERVAL REPORTED BELOW: 980' FSL, 2171' FEL SESW Sec 33, T4S, R3W AT TOTAL DEPTH: 990' FSL, 3636' FEL SWSE Sec 33, T4S, R3W BHL by HSM						8. WELL NAME and NUMBER: Ute Tribal 34-13J- D3 ✓	
14. DATE SPURRED: 3/27/2012						9. API NUMBER: 4301350819	
15. DATE T.D. REACHED: 4/25/2012						10. FIELD AND POOL, OR WILDCAT Antelope Creek	
16. DATE COMPLETED: 6/8/2012						11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSW 34 4S 3W	
17. ELEVATIONS (DF, RKB, RT, GL): 5849' RKB						12. COUNTY Duchesne	
18. TOTAL DEPTH: MD 9,308 TVD 5,491						13. STATE UTAH	
19. PLUG BACK T.D.: MD 9,206 TVD 5,471						20. IF MULTIPLE COMPLETIONS, HOW MANY? *	
21. DEPTH BRIDGE PLUG SET: MD TVD						22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each) CBL, ACTR, SDDSN, Borehole Volume Plot	
23. WAS WELL CORED? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit analysis) WAS DST RUN? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit report) DIRECTIONAL SURVEY? NO <input type="checkbox"/> YES <input checked="" type="checkbox"/> (Submit copy)							

24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
20"	14 K-55	42	0	54					Conductor
12.25"	9.625 J-55	36	0	515		G 300	61	0	
8.75"	7 N-80	23	0	6,039		G 845	263	2268'CBL	
6.125	4.5 J-55	11.6	5,061	9,306					Liner

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2.875	5,017							

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
(A) Green River	7,817	9,205	5,502	5,470	7,817 8,113	0.75	54	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(B)					8,362 8,615	0.75	54	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(C)					8,908 9,205	0.75	54	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(D)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>

27. PERFORATION RECORD

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
7,817'-8,113'	2,763 Bbls of Delta 140 15# gelled fluid. 196,737#'s of 20/40 mesh sand.
8,362'-8,615'	2,604 Bbls of Delta 140 15# gelled fluid. 197,716#'s of 20/40 mesh sand.
8,908'-9,205'	3,498 Bbls of Delta 140 15# gelled fluid. 221,650#'s of 20/40 mesh sand.

29. ENCLOSED ATTACHMENTS:

- | | | | |
|---|--|---------------------------------------|--|
| <input checked="" type="checkbox"/> ELECTRICAL/MECHANICAL LOGS | <input type="checkbox"/> GEOLOGIC REPORT | <input type="checkbox"/> DST REPORT | <input checked="" type="checkbox"/> DIRECTIONAL SURVEY |
| <input type="checkbox"/> SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION | <input type="checkbox"/> CORE ANALYSIS | <input type="checkbox"/> OTHER: _____ | |

30. WELL STATUS:

POW

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JUL 23 2012

31. INITIAL PRODUCTION

INTERVAL A (As shown in Item #26)

DATE FIRST PRODUCED: 6/8/2012	TEST DATE: 6/16/2012	HOURS TESTED: 24	TEST PRODUCTION RATES: →	OIL – BBL: 32	GAS – MCF: 17	WATER – BBL: 103	PROD. METHOD: Rod Pump
CHOKE SIZE: 40/48	TBG. PRESS. 0	CSG. PRESS. 35	API GRAVITY 40.85	BTU – GAS 1	GAS/OIL RATIO 531	24 HR PRODUCTION RATES: →	INTERVAL STATUS: Open

INTERVAL B (As shown in Item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	INTERVAL STATUS:

INTERVAL C (As shown in Item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	INTERVAL STATUS:

INTERVAL D (As shown in Item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

Used for fuel

33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
				GRRV-Green River	1,624
				Trona	2,855
				Mahogany Shale	3,009
				B Marker	4,159
				X Marker	4,655
				Douglas Creek	4,801
				B Limestone	5,189
				Uinta	5,835

35. ADDITIONAL REMARKS (Include plugging procedure)

Frac and Perf info condensed, please see NOI and Subsequent Frac Sundry for detailed report.

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) Rodrigo Jurado / RJurado@PGEI.com TITLE Regulatory Compliance Specialist

SIGNATURE  DATE 7/10/2012

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

** ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

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JUL 23 2012

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 7

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well name and number: Ute Tribal 34-13J-D3

API number: 4301350819

Well Location: QQ SWSW Section 34 Township 4S Range 3W County Duchesne

Well operator: Petroglyph Operating Company, Inc.

Address: P.O. Box 607

city Roosevelt state UT zip 84066

Phone: (435) 722-2531

Drilling contractor: Craig's Roustabout Service

Address: 5053 South 4625 East

city Vernal state UT zip 84078

Phone: (435) 781-1366

Water encountered (attach additional pages as needed):

DEPTH		VOLUME (FLOW RATE OR HEAD)	QUALITY (FRESH OR SALTY)
FROM	TO		
0	505	0	Dust to 505'

Formation tops: (Top to Bottom)

1	2	3
4	5	6
7	8	9
10	11	12

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If an analysis has been made of the water encountered, please attach a copy of the report to this form.

DIV. OF OIL, GAS & MINING

I hereby certify that this report is true and complete to the best of my knowledge.

NAME (PLEASE PRINT) Rodrigo Jurado

TITLE Regulatory Compliance Spc.

SIGNATURE 

DATE 7/13/2012

Job Number: UT121004
 Company: Petroglyph
 Lease/Well: Ute Tribal
 Location: Duchesne county
 Rig Name: Aztec 673
 RKB: 12.5
 G.L. or M.S.L.: MSL

State/Country: Utah / USA
 Declination: 11.26
 Grid: True
 File name: C:\DOCUME~1\HBUSER\DESKTOP\UTETRI~1\UT121004.SVY
 Date/Time: 24-Apr-12 / 15:57
 Curve Name: Ute Tribal 34_13J-D3

Payzone Directional

WINSERVE SURVEY CALCULATIONS
 Minimum Curvature Method
 Vertical Section Plane 275.10
 Vertical Section Referenced to Wellhead
 Rectangular Coordinates Referenced to Wellhead

RECEIVED
JUL 23 2012
 DIV. OF OIL, GAS & MINING

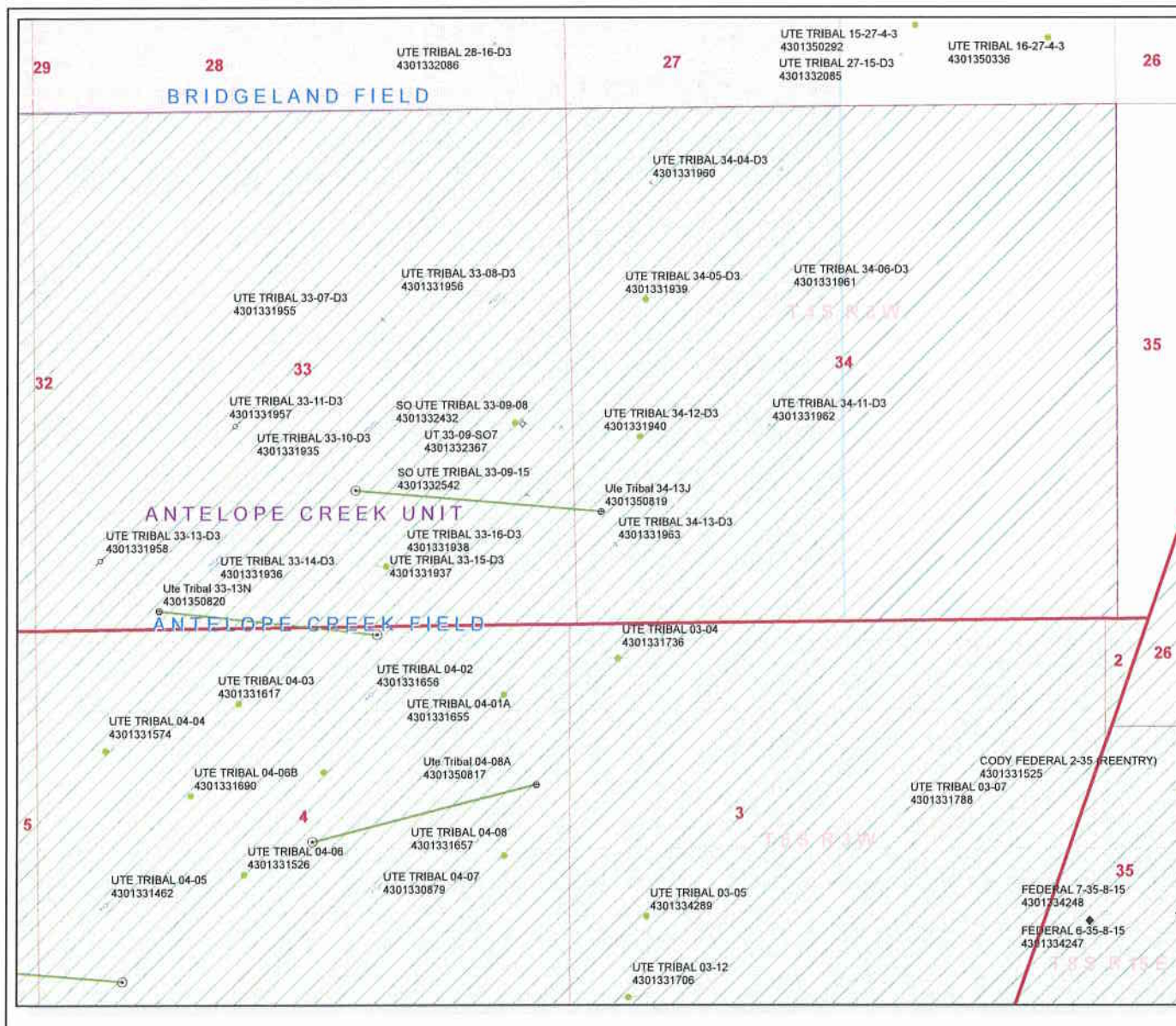
Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	C L O S U R E		Dogleg Severity Deg/100
							Distance FT	Direction Deg	
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
524.00	.19	98.47	524.00	-.13	-.86	-.87	.87	98.47	.04
616.00	.13	102.46	616.00	-.17	1.11	-1.12	1.13	98.84	.07
708.00	.23	164.74	708.00	-.37	1.26	-1.29	1.32	106.48	.22
799.00	.18	151.84	799.00	-.68	1.38	-1.43	1.53	116.12	.07
890.00	.31	115.15	890.00	-.91	1.67	-1.74	1.90	118.52	.22
981.00	.35	108.86	981.00	-1.10	2.15	-2.24	2.42	117.07	.06
1074.00	.70	74.63	1073.99	-1.04	2.97	-3.05	3.15	109.33	.49
1167.00	.70	100.07	1166.98	-.99	4.08	-4.15	4.20	103.66	.33
1260.00	.64	71.01	1259.98	-.92	5.13	-5.19	5.21	100.18	.37
1352.00	.62	80.61	1351.97	-.67	6.11	-6.14	6.14	96.29	.12
1446.00	.57	114.40	1445.97	-.78	7.03	-7.07	7.08	96.35	.37
1540.00	.31	79.16	1539.97	-.93	7.71	-7.76	7.76	96.87	.39

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	C L O S U R E		Dogleg Severity Deg/100
							Distance FT	Direction Deg	
1633.00	.48	95.11	1632.96	-.92	8.34	-8.39	8.39	96.26	.22
1726.00	.09	192.67	1725.96	-1.02	8.72	-8.77	8.78	96.69	.54
1819.00	.13	251.11	1818.96	-1.13	8.60	-8.67	8.67	97.47	.12
1912.00	.83	266.23	1911.96	-1.21	7.83	-7.90	7.92	98.76	.76
2005.00	.79	266.36	2004.95	-1.29	6.52	-6.60	6.64	101.20	.04
2098.00	.75	218.02	2097.94	-1.81	5.50	-5.64	5.79	108.22	.68
2191.00	1.10	232.70	2190.93	-2.83	4.42	-4.65	5.25	122.66	.45
2284.00	.22	271.90	2283.92	-3.37	3.53	-3.81	4.88	133.66	1.01
2377.00	.75	246.32	2376.92	-3.60	2.79	-3.10	4.56	142.24	.60
2470.00	.90	239.80	2469.91	-4.22	1.60	-1.97	4.51	159.18	.19
2563.00	.83	279.49	2562.90	-4.47	.31	-.70	4.48	176.07	.64
2656.00	1.40	255.80	2655.88	-4.64	-1.46	1.04	4.86	197.45	.78
2750.00	1.19	279.55	2749.86	-4.76	-3.53	3.10	5.93	216.59	.61
2843.00	.62	251.55	2842.85	-4.76	-4.96	4.52	6.88	226.20	.76
2936.00	1.00	231.20	2935.84	-5.43	-6.07	5.57	8.15	228.22	.51
3029.00	.66	215.21	3028.83	-6.37	-7.01	6.42	9.48	227.74	.44
3122.00	1.10	208.80	3121.82	-7.59	-7.75	7.05	10.85	225.60	.48
3216.00	.79	288.69	3215.81	-8.18	-8.80	8.04	12.01	227.11	1.32
3309.00	.75	288.38	3308.80	-7.78	-9.99	9.26	12.66	232.09	.04
3402.00	.13	218.64	3401.80	-7.67	-10.63	9.91	13.11	234.19	.77
3495.00	.48	286.58	3494.79	-7.64	-11.07	10.35	13.45	235.39	.48
3588.00	.62	253.05	3587.79	-7.68	-11.92	11.20	14.18	237.23	.37
3680.00	.62	239.03	3679.79	-8.08	-12.83	12.06	15.16	237.80	.16
3773.00	.97	244.70	3772.78	-8.67	-13.97	13.14	16.44	238.17	.39
3866.00	.97	229.54	3865.76	-9.52	-15.28	14.37	18.00	238.08	.28
3959.00	.44	233.05	3958.76	-10.25	-16.17	15.19	19.14	237.63	.57
4052.00	.92	230.55	4051.75	-10.93	-17.03	15.99	20.24	237.29	.52
4145.00	.57	277.48	4144.74	-11.35	-18.06	16.98	21.33	237.86	.73
4238.00	.57	265.09	4237.74	-11.33	-18.98	17.90	22.11	239.17	.13
4332.00	1.01	253.57	4331.73	-11.60	-20.24	19.13	23.33	240.18	.50
4425.00	.70	248.74	4424.72	-12.04	-21.56	20.40	24.69	240.82	.34
4518.00	1.23	246.63	4517.70	-12.64	-23.00	21.79	26.25	241.21	.57
4613.00	.92	230.20	4612.69	-13.53	-24.53	23.23	28.01	241.11	.46
4704.00	.75	236.35	4703.68	-14.33	-25.58	24.21	29.32	240.74	.21

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	C L O S U R E		Dogleg Severity Deg/100
							Distance FT	Direction Deg	
4797.00	.92	232.88	4796.67	-15.12	-26.69	25.24	30.67	240.46	.19
4890.00	1.01	208.09	4889.66	-16.29	-27.67	26.11	32.11	239.50	.46
4984.00	1.01	159.18	4983.64	-17.80	-27.76	26.07	32.98	237.33	.89
5077.00	1.41	190.12	5076.62	-19.69	-27.67	25.81	33.96	234.56	.81
5108.00	1.40	201.20	5107.61	-20.42	-27.88	25.95	34.56	233.78	.88
5139.00	1.70	220.90	5138.60	-21.12	-28.31	26.32	35.32	233.28	1.96
5170.00	3.70	257.60	5169.57	-21.68	-29.59	27.55	36.69	233.77	8.22
5201.00	6.90	268.20	5200.43	-21.96	-32.43	30.35	39.16	235.90	10.75
5232.00	10.10	271.80	5231.09	-21.93	-37.01	34.91	43.02	239.35	10.46
5263.00	13.60	270.70	5261.42	-21.80	-43.37	41.26	48.54	243.32	11.31
5294.00	17.10	269.60	5291.31	-21.79	-51.58	49.44	55.99	247.10	11.33
5325.00	21.10	269.00	5320.60	-21.92	-61.72	59.53	65.49	250.45	12.92
5356.00	25.50	269.80	5349.06	-22.04	-73.98	71.72	77.19	253.41	14.23
5387.00	30.10	270.80	5376.48	-21.95	-88.43	86.13	91.11	256.06	14.91
5418.00	34.00	271.00	5402.75	-21.69	-104.88	102.53	107.10	258.31	12.59
5449.00	37.40	271.30	5427.92	-21.33	-122.96	120.58	124.79	260.16	10.98
5480.00	40.30	271.90	5452.06	-20.78	-142.39	139.98	143.90	261.70	9.43
5511.00	43.60	272.30	5475.11	-20.02	-163.10	160.68	164.32	263.00	10.68
5543.00	47.70	273.40	5497.48	-18.87	-185.95	183.53	186.90	264.20	13.05
5574.00	52.10	274.60	5517.44	-17.21	-209.60	207.24	210.30	265.31	14.50
5605.00	56.60	275.30	5535.50	-15.04	-234.69	232.42	235.17	266.33	14.63
5636.00	61.10	275.50	5551.54	-12.54	-261.09	258.94	261.39	267.25	14.53
5667.00	65.00	274.90	5565.58	-10.04	-288.61	286.57	288.78	268.01	12.70
5697.00	68.20	273.70	5577.50	-7.98	-316.06	314.10	316.16	268.55	11.28
5728.00	69.70	270.30	5588.63	-6.97	-344.96	342.98	345.04	268.84	11.32
5759.00	71.60	266.50	5598.91	-7.79	-374.19	372.02	374.28	268.81	13.09
5790.00	72.80	262.60	5608.39	-10.60	-403.57	401.03	403.71	268.50	12.59
5821.00	74.60	258.40	5617.09	-15.51	-432.91	429.81	433.18	267.95	14.24
5852.00	77.20	255.00	5624.64	-22.43	-462.16	458.33	462.70	267.22	13.55
5883.00	81.40	253.50	5630.40	-30.70	-491.47	486.79	492.42	266.43	14.36
5914.00	84.90	255.60	5634.10	-38.90	-521.13	515.61	522.58	265.73	13.14
5942.00	87.40	258.30	5635.98	-45.20	-548.34	542.15	550.20	265.29	13.13
5962.00	89.30	260.00	5636.55	-48.97	-567.97	561.37	570.08	265.07	12.74
6043.00	95.80	258.70	5632.95	-63.91	-647.45	639.21	650.60	264.36	8.18

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	C L O S U R E		Dogleg Severity Deg/100
							Distance FT	Direction Deg	
6075.00	96.40	262.10	5629.55	-69.22	-678.82	669.98	682.34	264.18	10.73
6138.00	96.90	262.40	5622.25	-77.66	-740.82	730.99	744.88	264.02	.92
6201.00	97.40	262.50	5614.41	-85.87	-802.79	791.98	807.37	263.89	.81
6264.00	97.10	263.20	5606.46	-93.65	-864.80	853.05	869.86	263.82	1.20
6327.00	96.80	264.00	5598.84	-100.62	-926.95	914.34	932.39	263.80	1.35
6389.00	96.60	264.70	5591.60	-106.68	-988.23	974.83	993.97	263.84	1.17
6453.00	96.40	265.90	5584.36	-111.89	-1051.60	1037.49	1057.54	263.93	1.89
6516.00	93.90	267.20	5578.70	-115.66	-1114.23	1099.53	1120.21	264.07	4.47
6579.00	93.60	267.50	5574.58	-118.57	-1177.02	1161.82	1182.98	264.25	.67
6641.00	94.00	268.20	5570.47	-120.89	-1238.84	1223.19	1244.73	264.43	1.30
6704.00	92.30	269.40	5567.01	-122.21	-1301.73	1285.71	1307.45	264.64	3.30
6768.00	90.50	269.70	5565.45	-122.71	-1365.71	1349.39	1371.21	264.87	2.85
6831.00	91.40	269.30	5564.40	-123.26	-1428.69	1412.08	1434.00	265.07	1.56
6894.00	92.00	269.50	5562.54	-123.92	-1491.66	1474.74	1496.80	265.25	1.00
6958.00	92.90	269.30	5559.80	-124.59	-1555.60	1538.37	1560.58	265.42	1.44
7021.00	93.10	269.60	5556.50	-125.19	-1618.51	1600.97	1623.35	265.58	.57
7083.00	91.80	269.70	5553.85	-125.57	-1680.45	1662.64	1685.14	265.73	2.10
7146.00	92.30	269.60	5551.60	-125.96	-1743.41	1725.31	1747.95	265.87	.81
7209.00	92.60	270.10	5548.91	-126.12	-1806.35	1787.99	1810.75	266.01	.92
7271.00	91.30	270.10	5546.80	-126.01	-1868.32	1849.72	1872.56	266.14	2.10
7335.00	91.90	269.90	5545.01	-126.01	-1932.29	1913.44	1936.39	266.27	.99
7398.00	91.90	269.90	5542.92	-126.12	-1995.26	1976.14	1999.24	266.38	.00
7461.00	91.10	270.90	5541.27	-125.68	-2058.23	2038.91	2062.06	266.51	2.03
7525.00	91.60	270.40	5539.76	-124.96	-2122.21	2102.70	2125.88	266.63	1.10
7588.00	92.40	269.70	5537.56	-124.90	-2185.17	2165.41	2188.74	266.73	1.69
7652.00	92.80	269.60	5534.66	-125.29	-2249.10	2229.06	2252.59	266.81	.64
7715.00	91.80	269.60	5532.13	-125.73	-2312.05	2291.72	2315.46	266.89	1.59
7779.00	92.40	269.50	5529.79	-126.23	-2376.00	2355.38	2379.35	266.96	.95
7842.00	92.90	269.60	5526.88	-126.73	-2438.93	2418.01	2442.22	267.03	.81
7905.00	91.50	270.30	5524.46	-126.78	-2501.89	2480.71	2505.10	267.10	2.48
7969.00	92.30	269.90	5522.34	-126.67	-2565.85	2544.43	2568.97	267.17	1.40
8032.00	92.50	270.80	5519.70	-126.29	-2628.79	2607.16	2631.82	267.25	1.46
8095.00	90.30	270.20	5518.16	-125.74	-2691.77	2669.93	2694.70	267.33	3.62
8158.00	90.70	270.40	5517.61	-125.41	-2754.76	2732.71	2757.62	267.39	.71

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	C L O S U R E		Dogleg Severity Deg/100
							Distance FT	Direction Deg	
8222.00	91.10	270.00	5516.60	-125.18	-2818.76	2796.47	2821.53	267.46	.88
8285.00	91.20	269.70	5515.34	-125.35	-2881.74	2859.19	2884.47	267.51	.50
8348.00	91.70	269.70	5513.74	-125.68	-2944.72	2921.89	2947.40	267.56	.79
8411.00	92.10	269.10	5511.66	-126.34	-3007.68	2984.54	3010.33	267.59	1.14
8474.00	92.60	268.90	5509.07	-127.44	-3070.62	3047.13	3073.26	267.62	.85
8538.00	92.90	269.40	5506.00	-128.39	-3134.54	3110.72	3137.17	267.65	.91
8601.00	91.00	270.40	5503.86	-128.50	-3197.50	3173.42	3200.08	267.70	3.41
8664.00	91.20	269.90	5502.65	-128.33	-3260.49	3236.17	3263.01	267.75	.85
8726.00	91.70	270.20	5501.08	-128.28	-3322.47	3297.91	3324.94	267.79	.94
8789.00	91.90	270.40	5499.10	-127.95	-3385.43	3360.66	3387.85	267.84	.45
8852.00	90.50	271.40	5497.78	-126.96	-3448.41	3423.47	3450.75	267.89	2.73
8915.00	90.80	271.40	5497.07	-125.42	-3511.39	3486.34	3513.63	267.95	.48
8978.00	91.30	271.50	5495.91	-123.82	-3574.36	3549.20	3576.50	268.02	.81
9041.00	91.50	271.20	5494.37	-122.34	-3637.32	3612.04	3639.38	268.07	.57
9104.00	90.30	271.20	5493.38	-121.02	-3700.30	3674.89	3702.28	268.13	1.90
9166.00	90.30	270.70	5493.06	-119.99	-3762.29	3736.73	3764.20	268.17	.81
9228.00	90.70	271.00	5492.52	-119.07	-3824.28	3798.55	3826.13	268.22	.81
9238.00	90.80	271.20	5492.39	-118.88	-3834.28	3808.53	3836.12	268.22	2.24
Project to Bit									
9308.00	90.80	271.20	5491.41	-117.42	-3904.25	3878.36	3906.02	268.28	.00



API Number: 4301350819
Well Name: Ute Tribal 34-13J
Township T0.4 . Range R0.3 . Section 34
Meridian: UBM
Operator: PETROGLYPH OPERATING CO

Map Prepared:
 Map Produced by Diana Mason



